

# xNOTAM Trial Presentation

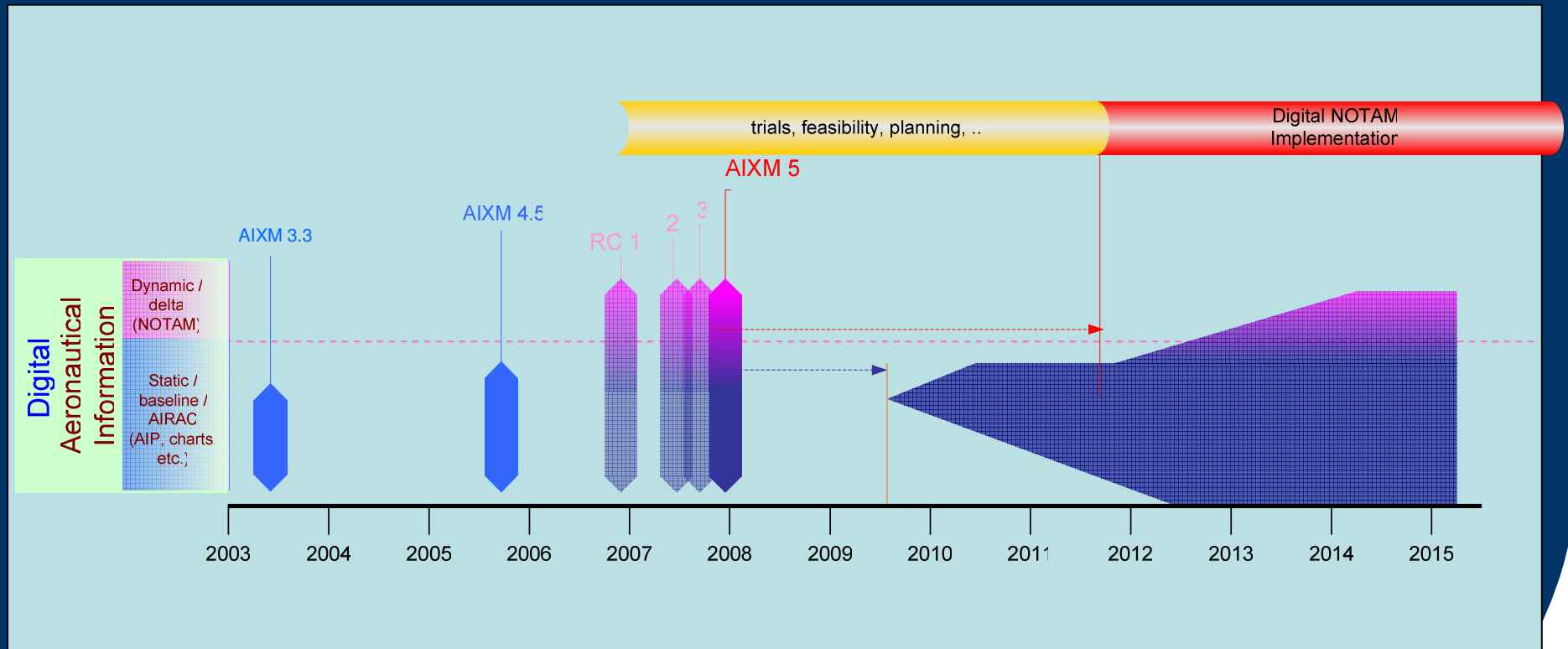
DNSWG

Washington, 05 December 2007

# Objective of the presentation

- Highlight trial objectives
- Explain application architecture
- Mention who will participate
- Present data provider interfaces
- Present data user interfaces

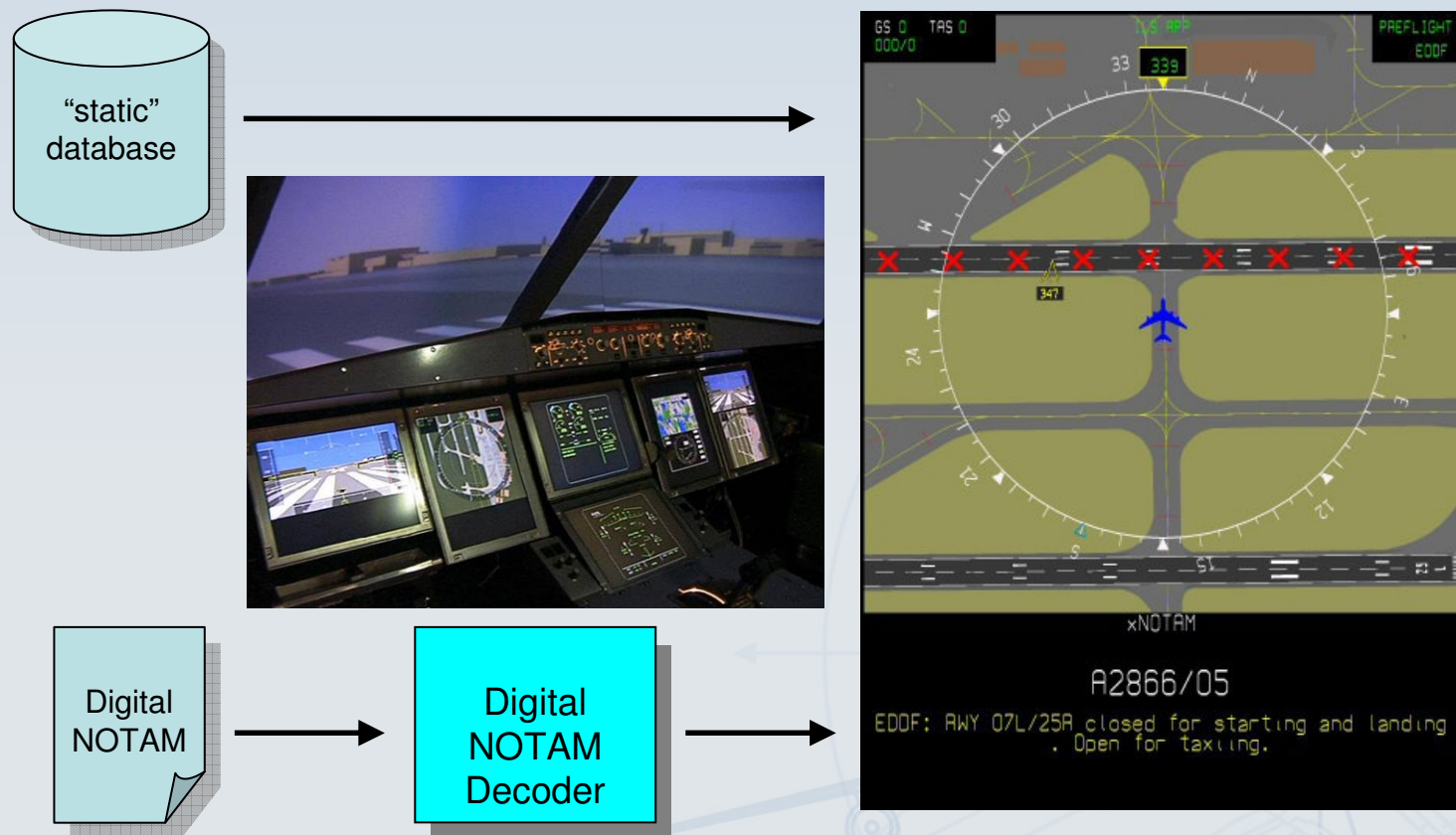
# AIXM 5 - Implementation Plans Europe





# AMDB/xNOTAM Study

- Gap Analysis ED-99A – AIMX and Prototype AIMX 5 schema
- Validation of AIMX temporal model (xNOTAM)
- Validation of results in real scenario in flight simulator
  - Use AIMX 5 message to announce temporary change
  - Visualise change information on cockpit display





# Procedure-xNOTAM Study

## Objective:

To demonstrate the technical possibilities of digital NOTAM for updating Terminal Procedure data in an onboard database

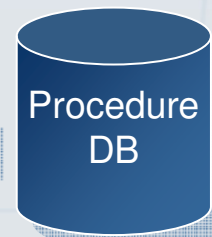
**From:**  
2007-06-01T12:00:00Z  
**Until:**  
2007-06-22T23:59:00Z  
  
**Due to temporary obstacles, minimum altitude raised to 4500 ft between RID and DF271.**

Operational Change

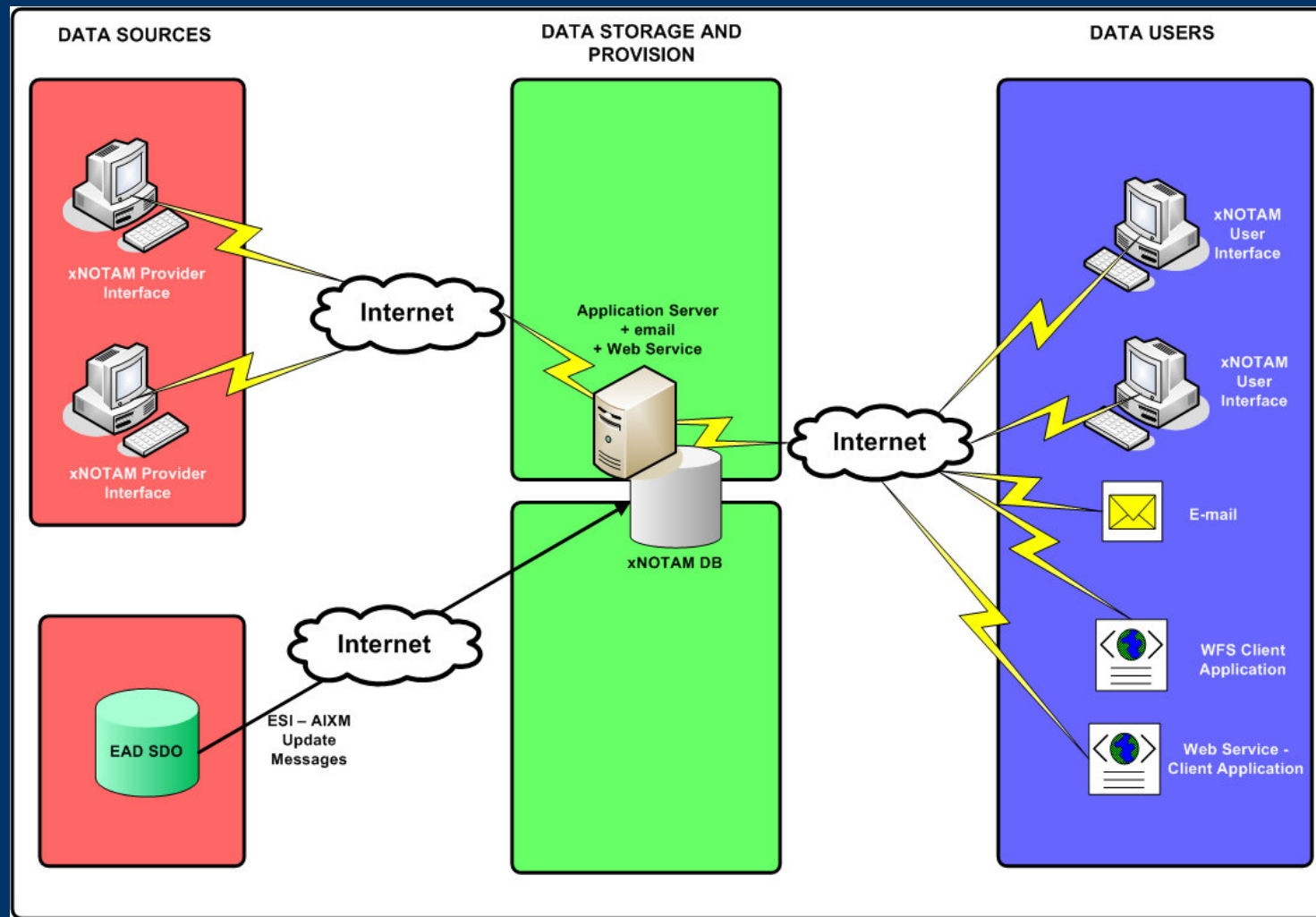


```
<AIXMMessage>
...
<gml:TimePeriod>
  <gml:beginPosition>
    2007-06-01T12:00:00Z
  </gml:beginPosition>
  <gml:endPosition>
    2007-06-22T23:59:00Z
  </gml:endPosition>
</gml:TimePeriod>
<aixm:interpretation>TEMPDELTA</aixm:interpretation>
<aixm:lowerLimitAltitude uom="FT">4500</aixm:lowerLimitAltitude>
...
</aixm:AIXMMessage>
```

digital NOTAM



# 2008: Digital NOTAM Trial



# Trial objectives

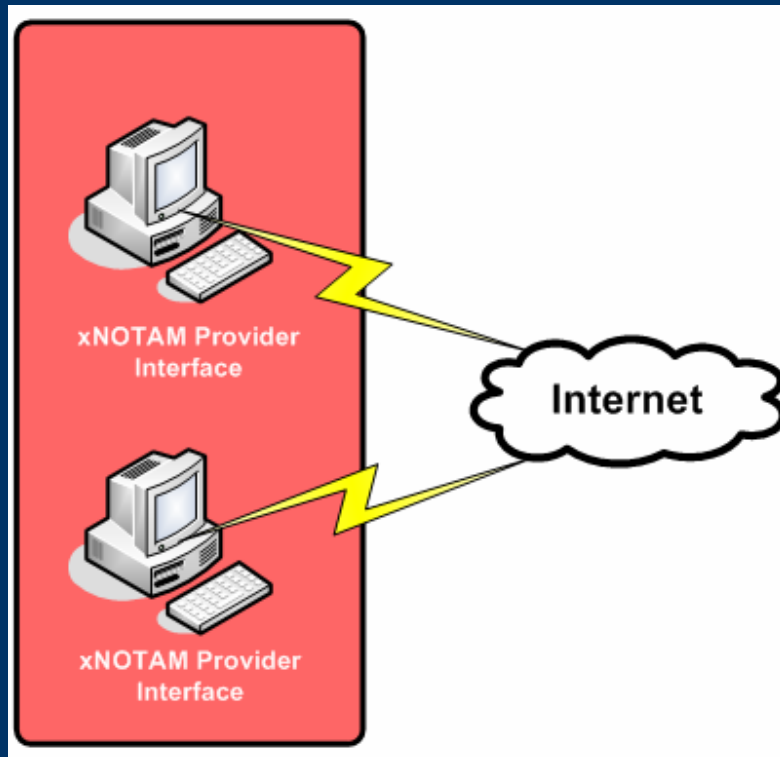
- demonstrate the maturity of the “digital NOTAM” concept
  - use real NOTAM messages -> capture the information in AIXM
  - provide digital NOTAM data to test users
- validate the AIXM 5 timeslice model to managing permanent and temporary changes
  - discover business rules
- check the completeness of (selected) AIXM 5 feature definitions
  - identify missing attributes or associations
  - identify un-complete lists of values

# Trial objectives

- involve AIS Offices from ECAC State as test digital NOTAM data providers
  - understand the digital NOTAM concept
  - identify challenges to implementation
  - discover roadmap
- identify potential digital NOTAM users and applications
  - discover the digital NOTAM strengths
  - identify early benefits
  - confirm that digital NOTAM can improve safety and efficiency
- identify essential bottlenecks that could prevent early adoption of digital NOTAM



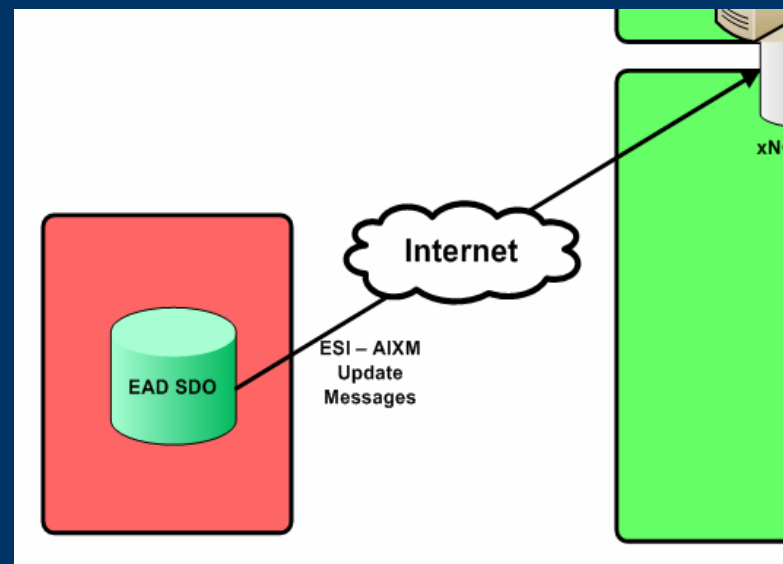
# xNOTAM Provider Interface



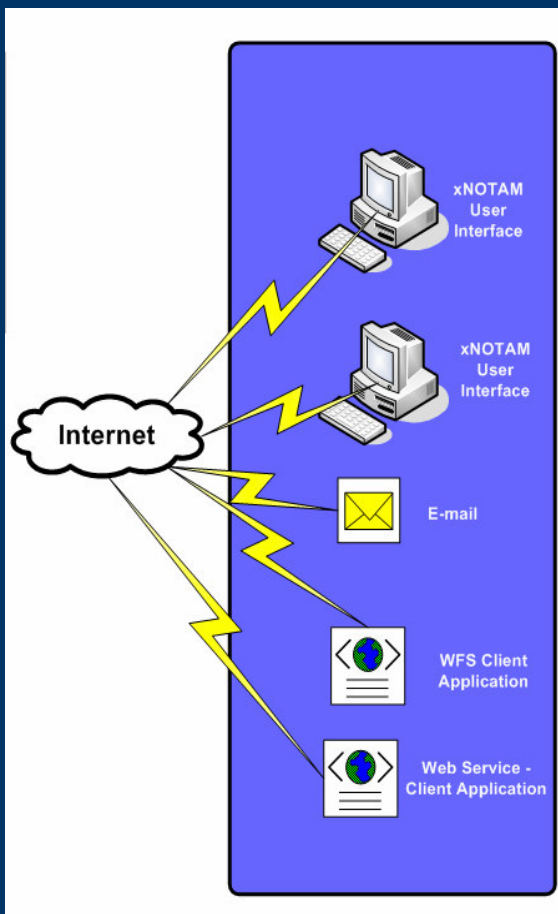
- Test 'digital NOTAM providers' from NOTAM offices of ECAC States
  - plus a few other States
- equipment needed
  - fast Internet connection (not dial-up)
  - high-resolution computer screen (minimum 1280 x 1024)
  - Firefox / Internet Explorer
- Start point is an already published NOTAM.
  - The interface will not be used to create NOTAMs
  - It will help encode them in AIXM 5.

# Baseline (Static) Data

- Providers will not have to maintain Baseline data
- Initial data exported from the EAD Static Database (SDO)
- Maintained by a constant feed of data from the SDO



# Getting Data



Test 'digital NOTAM users' – organisations who will exploit the AIXM 5 messages:

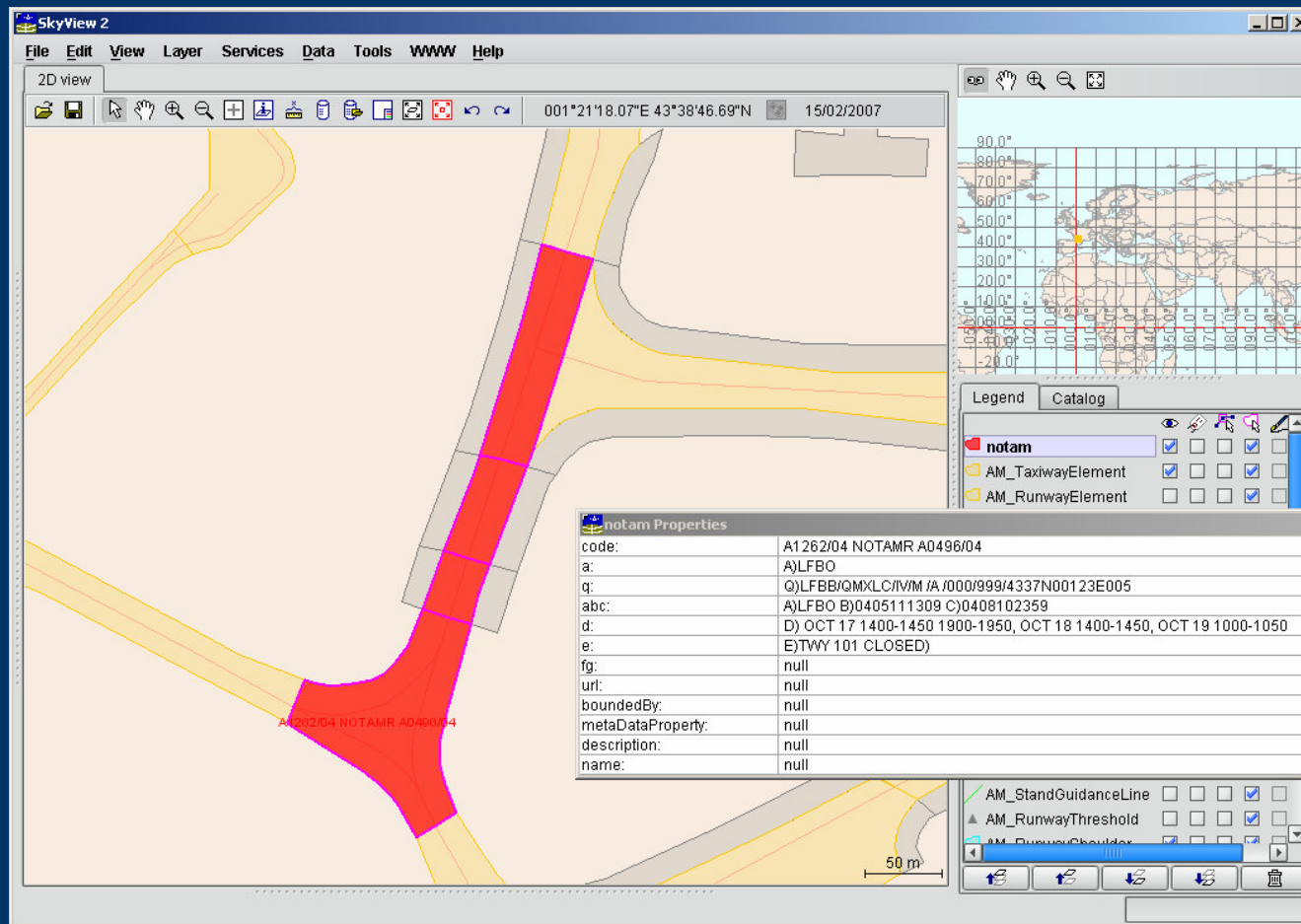
- advanced briefing concepts, using graphics and visual hints in addition or in replacement of the current NOTAM text;
- dynamic display of the current status of the airport surfaces and temporary obstacles on electronic flight bags;
- presentation to the pilot and to air traffic controllers of active restricted airspace and closed routes;
- etc.

Four ways for getting the data:

- xNOTAM User Interface
  - immediate report – result tables & AIXM 5 data
  - subscription - AIXM 5 messages
- Web Feature Service (WFS) – simplified AIXM
- Web Service (SOAP) – full AIXM

# Web Feature Service (WFS)

- Enable the visualisation of the xNOTAM database content with SkyView2



# Test data providers



## EUROCONTROL Digital NOTAM Trial - 2008

### Test Data Providers - requirements

The following elements shall be considered in order to estimate the effort for participating in the trial as test data provider:

- no special equipment/software is necessary; the only technical requirements for test data providers is to have a fast Internet connection (not dial-up) and a high-resolution computer screen (minimum 1280 x 1024);
- the application will work within a standard Web Browser (Mozilla Firefox, Internet Explorer etc.); the exact versions supported will be announced later;
- the data providers will be asked to convert their real-world NOTAM using the application human-machine interface (HMI); only NOTAMs that refer to the following main topics will have to be converted:
  - a) temporary restricted/segregated airspace usage/activation;
  - b) ad-hoc restricted/segregated airspace establishment and activation;
  - c) route portion closure/activation (such as for CDR 1 and CDR 2 routes);
  - d) temporary/permanent changes in the route structure (names/positions of points, etc.);
  - e) en-route navaid unserviceability;
  - f) airport/heliport usage restrictions;
  - g) usage restrictions affecting runway directions, runways, taxiways, gate/stands, TLOFs, etc;
  - h) changes in the surface characteristics of runways;
  - i) threshold displacements;
  - j) new permanent or temporary obstacles (point/line/polygon are supported).
- as much as possible, the conversion into the digital NOTAM format should take place within 12 hours from the issuing of the corresponding real-world NOTAM; however, all test data users will be warned that this is not guaranteed;
- it is estimated that 2-4 minutes will be sufficient for the conversion of one NOTAM covering one of the topics a, c, d, e, f, g, h or i, while the conversion of a NOTAM covering the topics b or j might take up to 20 minutes, depending on the complexity of the data<sup>1</sup>;
- it is recommended that at least two test operators participate from each NOTAM office; encoding experience with a system based on AIXM (such as EAD) would be an advantage;
- it is foreseen to have a single training session organised by EUROCONTROL, during the Workshop of 20-21 November; there will also exist a brief xNOTAM Provider Manual;
- the trial is planned to start towards the end of January 2008 and to end by mid-June 2008; data providers can join the trial at any time, but with at least 4 weeks of advanced notice to EUROCONTROL;

<sup>1</sup> It shall be kept in mind that this is only a trial and that the interfaces of the application will not be very sophisticated, in order to minimize the cost of the trial. For future real applications, the interfaces are expected to be carefully optimized, using graphical input capabilities, so that any NOTAM event can be encoded in less than 2 minutes.

- Confirmed
  - Belgium
  - Czech Republic
  - Iceland
  - Poland
  - Romania
  - Serbia & Montenegro
  - Slovenia
  - Switzerland
  - Egypt
  - South Africa
- Interested by the Trial
  - Albania
  - Austria
  - France
  - Spain

# Test data users



## EUROCONTROL Digital NOTAM Trial - 2008

### Test Data Users - requirements

To qualify as test xNOTAM user, an Organisation/Company should have or be in the development of a software application that can do something useful with digital NOTAMs. For example:

- dynamically display the open/closed status of runways or taxiways on an electronic airport map;
- dynamically display active restricted areas on an electronic airspace map, used by controllers or pilots;
- feed-back a graphical depiction of ad-hoc restricted areas to the (military) organisation that has originated it;
- enhanced pre-flight information bulletins (PIB), for example with graphics, text formatting, etc.
- enhanced flight planning, exploiting digital data for closed route portions, updated North Atlantic tracks, etc.
- etc.

In order to participate, the test data users will very likely have to develop a minimal AIXM 5 (RC2) parser, able to read and interpret the incoming digital NOTAMs. The simplest delivery solution supported by the trial will be to receive the AIXM 5 messages as e-mail attachments. More advanced access to the xNOTAM trial database will be possible through a Web Service (SOAP and WFS, exact specification still under discussion).

In order to receive the sample digital NOTAMs generated during the trial, test users will be requested to sign a "Test xNOTAM user agreement". This is necessary for two reasons:

- as an insurance for EUROCONTROL that the test data will not be used for operational<sup>1</sup> purpose;
- because the baseline information comes from the EAD and it is covered by non-disclosure agreement, this needs to be passed on the test users.

There is no form of payment involved by the test xNOTAM user agreements, but no sponsorship either.

At the end of the trial, the test data users will be requested to provide a "Test Digital NOTAM User Report", stating on the usefulness of the digital NOTAMs for their application and eventual suggestions for the improvement of the AIXM 5 specification and of the digital NOTAM concept of operations. All such Reports might be made publicly available on the [www.aixm.aero](http://www.aixm.aero) Web site. The test users should feel free to not include in this report the exact description of their application. It is understood that this information might be commercially sensitive and that the test users Organisations/Companies might want to not disclose it to the Agency or to the public.

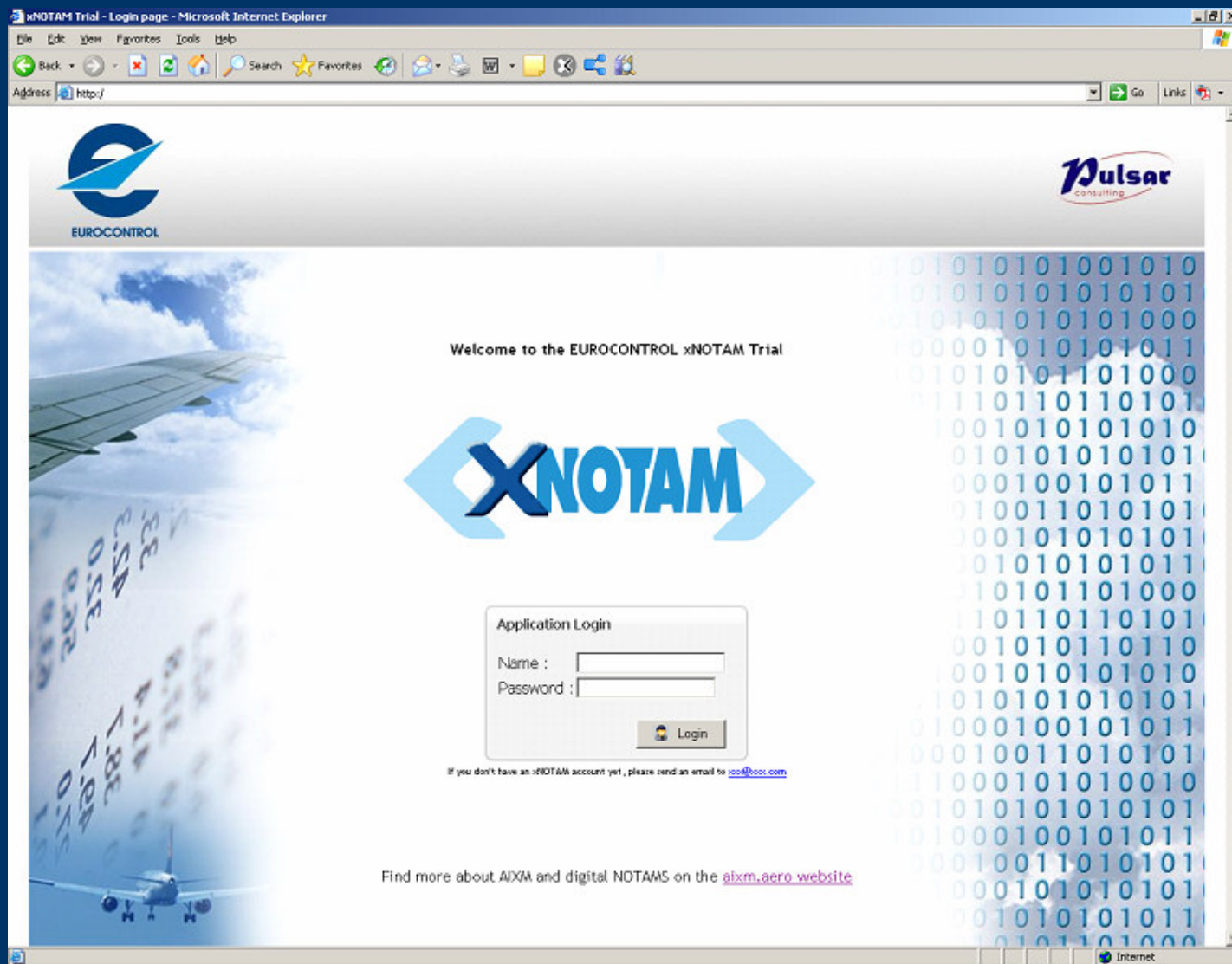
Organisations/Companies from Europe and from world-wide, which are interested to participate in the Trial as test digital NOTAM users, are invited to inform the EUROCONTROL Project Initiator ([eduard.porosnicu@eurocontrol.int](mailto:eduard.porosnicu@eurocontrol.int)) before the end of October 2007, or as soon as possible.

<sup>1</sup> Being just a trial, it cannot be guaranteed that the information will be complete and/or accurate. Therefore, it is unsafe to use the test digital NOTAMs for real operations.

- Test data agreement signed by
  - Comsoft (Germany)
  - Frequentis (Austria)
  - Luciad (Belgium)
  - ROMATSA (Romania)
  - SkyJob Electronic Flight Bag (UK)
  - Servicios Aeronauticas Costa Azanar (Spain)
- Interested by the Trial
  - European Aeronautical Group – EAG (UK)
  - Jeppesen (USA)
  - Lufthansa Systems (Germany)
  - National Geospatial Agency – NGA (US)



# xNOTAM Trial Application





# xNOTAM Trial Application

- General considerations
  - Do not forget: it's a trial!
    - Operational use is excluded!
    - Relatively small budget
    - Focus on technical validation (AIXM)
    - In case of difficulties
      - Follow priorities
      - Record difficult aspects for later

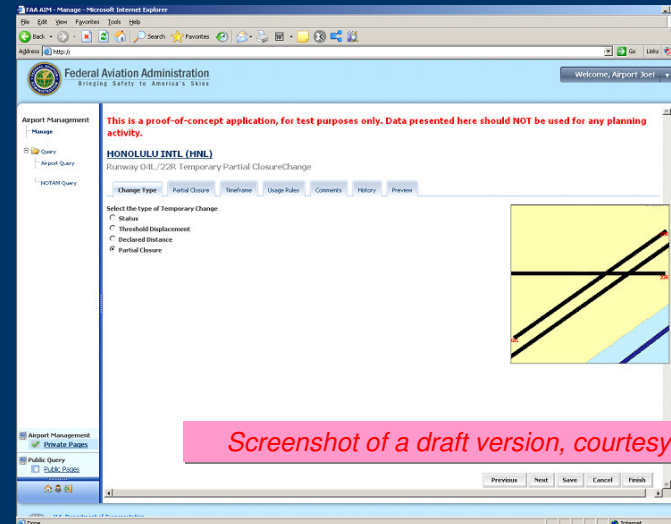
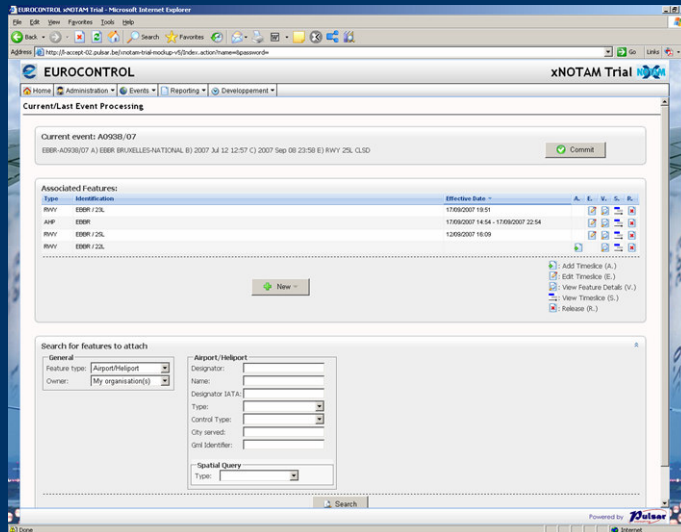


# Trial – NOTAMs to be converted

- temporary restricted/segregated airspace usage/activation; Airspace Usage
- ad-hoc restricted/segregated airspace establishment and activation; Airspace
- route portion closure/activation (such as for CDR 1 and CDR 2 routes); Route Usage
- temporary/permanent changes in the route structure (names/positions of route segments); Route Segments
- en-route navaid unserviceability; Navaid
- airport/heliport usage restrictions; Airport Usage
- usage restrictions affecting runway directions, runways, taxiways, gate/stand usage; Airport Usage ;
- changes in the surface characteristics of runways; Runway
- threshold displacements; Runway Centreline Point
- new permanent or temporary obstacles (point/line/polygon are supported); Vertical Structure

# xNOTAM Trial Application

- HMI
  - Options
    - Text forms versus graphics
    - Generic versus tailored for types of event



*Screenshot of a draft version, courtesy of FAA*

# xNOTAM Trial Application

- Because of constraints (time and budget)
  - Relatively non-sophisticated
    - text forms, generic
    - Limited business rules
  - Data providers need to understand the AIXM model in detail
    - A real operational application is expected hide some of the AIXM complexity
- Given the constraints, result is very good
  - Clean “Event” based workflow
  - Smooth navigation
  - Very interesting: Timeline Viewer

# Data Provider and Data User Interfaces

# Basics

Home Administration Events Reporting Development

## Event Management

Search Criteria:

Event Name:

Status:

Description:

☐ My events only

and:

Search

View Events (Search by Events)  
View Events (Search by Feature Type)  
View Features  
Manage My Subscriptions  
View Events (Search by Feature Type)  
View Features  
Manage My Subscriptions

Edit (E.)  
Process (P.)  
Delete (D.)  
Update (U.)

Search Results:

St.	Code	Description	Last Updated On	E.	P.	D.	U.
	A11102/10	REF AIP AD2 EBBR APDC.01 FOLLOWING ACFT STANDS REPOSITIONED AS FOLLOW : 206L H505400.02E0042908.40 210L H505401.12E0042912.21	12/09/2007 16:09				
	A11112/11	RWY 25L -ILS DOWNGRADED TO CAT I 12 JUL 12:57 2007 UNTIL 08 SEP 23:58 2007	17/09/2007 19:54				
	A1112/1	RWY 25L -ILS DOWNGRADED TO CAT I 12 JUL 12:57 2007 UNTIL 08 SEP 23:58 2007	17/09/2007 19:54				
	A11122/12	AT EBBE ASR OBSTRUCTION LIGHT OUT OF SERVICE (504541N0044634E). 03 JUL 12:00 2007 UNTIL 03 OCT 12:00 2007 ESTIMATED	16/09/2007 12:34				
	A11132/13	AT EBBE ASR OBSTRUCTION LIGHT OUT OF SERVICE (504541N0044634E). 03 JUL 12:00 2007 UNTIL 03 OCT 12:00 2007 ESTIMATED	16/09/2007 12:34				
	A11142/14	AT EBBE ASR OBSTRUCTION LIGHT OUT OF SERVICE (504541N0044634E). 03 JUL 12:00 2007 UNTIL 03 OCT 12:00 2007 ESTIMATED	16/09/2007 12:34				
	A11152/15	REF AIP AD2 EBBR APDC.01 FOLLOWING ACFT STANDS REPOSITIONED AS FOLLOW : 206L H505400.02E0042908.40 210L H505401.12E0042912.21	12/09/2007 16:09				
	A11162/16	RWY 25L -ILS DOWNGRADED TO CAT I 12 JUL 12:57 2007 UNTIL 08 SEP 23:58 2007	17/09/2007 19:54				
	A11172/17	AT EBBE ASR OBSTRUCTION LIGHT OUT OF SERVICE (504541N0044634E). 03 JUL 12:00 2007 UNTIL 03 OCT 12:00 2007 ESTIMATED	16/09/2007 12:34				
	A11292/29	AT EBBE ASR OBSTRUCTION LIGHT OUT OF SERVICE (504541N0044634E). 03 JUL 12:00 2007 UNTIL 03 OCT 12:00 2007 ESTIMATED	16/09/2007 12:34				

Done

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**EUROCONTROL**

# User dependent



- The menu items a user sees is dependent on his role:
  - A data user will see: Home and Reporting
  - A data provider will see: Home, Events and Reporting
  - An administrator will see all of the menus

- Providing data

# Providing data: Event management

EUROCONTROL xNOTAM Trial - Mozilla Firefox

File Edit View History Bookmarks Tools Help

EUROCONTROL xNOTAM Trial

Home Administration Events Reporting Developement

## Event Management

**Search Criteria:**

Event Name:  Last update between (incl.):  and:

Status:  ☐ My events only

Description:

**Search Results:**

St.	Code	Description	Last Updated On	E.	P.	D.	U.
	A11102/10	REF AIP AD2 EBBR APDC.01 FOLLOWING ACFT STANDS REPOSITIONED AS FOLLOW : 206L H505400.02E0042908.40 210L H505401.12E0042912.21	12/09/2007 16:09	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	A11112/11	RWY 25L-ILS DOWNGRADED TO CAT I 12 JUL 12:57 2007 UNTIL 08 SEP 23:58 2007	17/09/2007 19:54	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	A11121	RWY 25L-ILS DOWNGRADED TO CAT I 12 JUL 12:57 2007 UNTIL 08 SEP 23:58 2007	17/09/2007 19:54	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
✓	A11122/12	AT EBBE ASR OBSTRUCTION LIGHT OUT OF SERVICE (504541N0044634E). 03 JUL 12:00 2007 UNTIL 03 OCT 12:00 2007 ESTIMATED	16/09/2007 12:34	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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	A11152/15	REF AIP AD2 EBBR APDC.01 FOLLOWING ACFT STANDS REPOSITIONED AS FOLLOW : 206L H505400.02E0042908.40 210L H505401.12E0042912.21	12/09/2007 16:09	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	A11162/16	RWY 25L-ILS DOWNGRADED TO CAT I 12 JUL 12:57 2007 UNTIL 08 SEP 23:58 2007	17/09/2007 19:54	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
✓	A11172/17	AT EBBE ASR OBSTRUCTION LIGHT OUT OF SERVICE (504541N0044634E). 03 JUL 12:00 2007 UNTIL 03 OCT 12:00 2007 ESTIMATED	16/09/2007 12:34	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
✓	A11182/18	AT EBBE ASR OBSTRUCTION LIGHT OUT OF SERVICE (504541N0044634E). 03 JUL 12:00 2007 UNTIL 03 OCT 12:00 2007 ESTIMATED	16/09/2007 12:34	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	A11192/19	RWY 25L-ILS DOWNGRADED TO CAT I 12 JUL 12:57 2007 UNTIL 08 SEP 23:58 2007	17/09/2007 19:54	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	A11202/20	RWY 25L-ILS DOWNGRADED TO CAT I 12 JUL 12:57 2007 UNTIL 08 SEP 23:58 2007	17/09/2007 19:54	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
✓	A11212/21	AT EBBE ASR OBSTRUCTION LIGHT OUT OF SERVICE (504541N0044634E). 03 JUL 12:00 2007 UNTIL 03 OCT 12:00 2007 ESTIMATED	16/09/2007 12:34	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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✓	A11292/29	AT EBBE ASR OBSTRUCTION LIGHT OUT OF SERVICE (504541N0044634E). 03 JUL 12:00 2007 UNTIL 03 OCT 12:00 2007 ESTIMATED	16/09/2007 12:34	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Done

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# Providing data: Event management

EUROCONTROL xNOTAM Trial - Mozilla Firefox


File Edit View History Bookmarks Tools Help





EUROCONTROL xNOTAM Trial

Home Administration Events Reporting Developpement

✓	A11302/30	AT EBBE ASR OBSTRUCTION LIGHT OUT OF SERVICE (504541N0044634E). 03 JUL 12:00 2007 UNTIL 03 OCT 12:00 2007 ESTIMATED	16/09/2007 12:34		
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✓	A11442/44	AT EBBE ASR OBSTRUCTION LIGHT OUT OF SERVICE (504541N0044634E). 03 JUL 12:00 2007 UNTIL 03 OCT 12:00 2007 ESTIMATED	16/09/2007 12:34		
✓	A11452/45	AT EBBE ASR OBSTRUCTION LIGHT OUT OF SERVICE (504541N0044634E). 03 JUL 12:00 2007 UNTIL 03 OCT 12:00 2007 ESTIMATED	16/09/2007 12:34		
✓	A11462/46	AT EBBE ASR OBSTRUCTION LIGHT OUT OF SERVICE (504541N0044634E). 03 JUL 12:00 2007 UNTIL 03 OCT 12:00 2007 ESTIMATED	16/09/2007 12:34		
✓	A11472/47	AT EBBE ASR OBSTRUCTION LIGHT OUT OF SERVICE (504541N0044634E). 03 JUL 12:00 2007 UNTIL 03 OCT 12:00 2007 ESTIMATED	16/09/2007 12:34		
✓	A11482/48	AT EBBE ASR OBSTRUCTION LIGHT OUT OF SERVICE (504541N0044634E). 03 JUL 12:00 2007 UNTIL 03 OCT 12:00 2007 ESTIMATED	16/09/2007 12:34		
✓	A11492/49	AT EBBE ASR OBSTRUCTION LIGHT OUT OF SERVICE (504541N0044634E). 03 JUL 12:00 2007 UNTIL 03 OCT 12:00 2007 ESTIMATED	16/09/2007 12:34		
✓	A11502/50	AT EBBE ASR OBSTRUCTION LIGHT OUT OF SERVICE (504541N0044634E). 03 JUL 12:00 2007 UNTIL 03 OCT 12:00 2007 ESTIMATED	16/09/2007 12:34		
	<b>A1152/5</b>	<b>REF AIP AD2 EBBR APDC.01 FOLLOWING ACFT STANDS REPOSITIONED AS FOLLOW : 206L H505400.02E0042908.40 210L H505401.12E0042912.21</b>	<b>12/09/2007 16:09</b>		
✓	A1162/6	AT EBBE ASR OBSTRUCTION LIGHT OUT OF SERVICE (504541N0044634E). 03 JUL 12:00 2007 UNTIL 03 OCT 12:00 2007 ESTIMATED	16/09/2007 12:34		
✓	A1172/7	AT EBBE ASR OBSTRUCTION LIGHT OUT OF SERVICE (504541N0044634E). 03 JUL 12:00 2007 UNTIL 03 OCT 12:00 2007 ESTIMATED	16/09/2007 12:34		
	A1182/8	RWY 25L -ILS DOWNGRADED TO CAT I 12 JUL 12:57 2007 UNTIL 08 SEP 23:58 2007	17/09/2007 19:54		
	A1192/9	RWY 25L -ILS DOWNGRADED TO CAT I 12 JUL 12:57 2007 UNTIL 08 SEP 23:58 2007	17/09/2007 19:54		

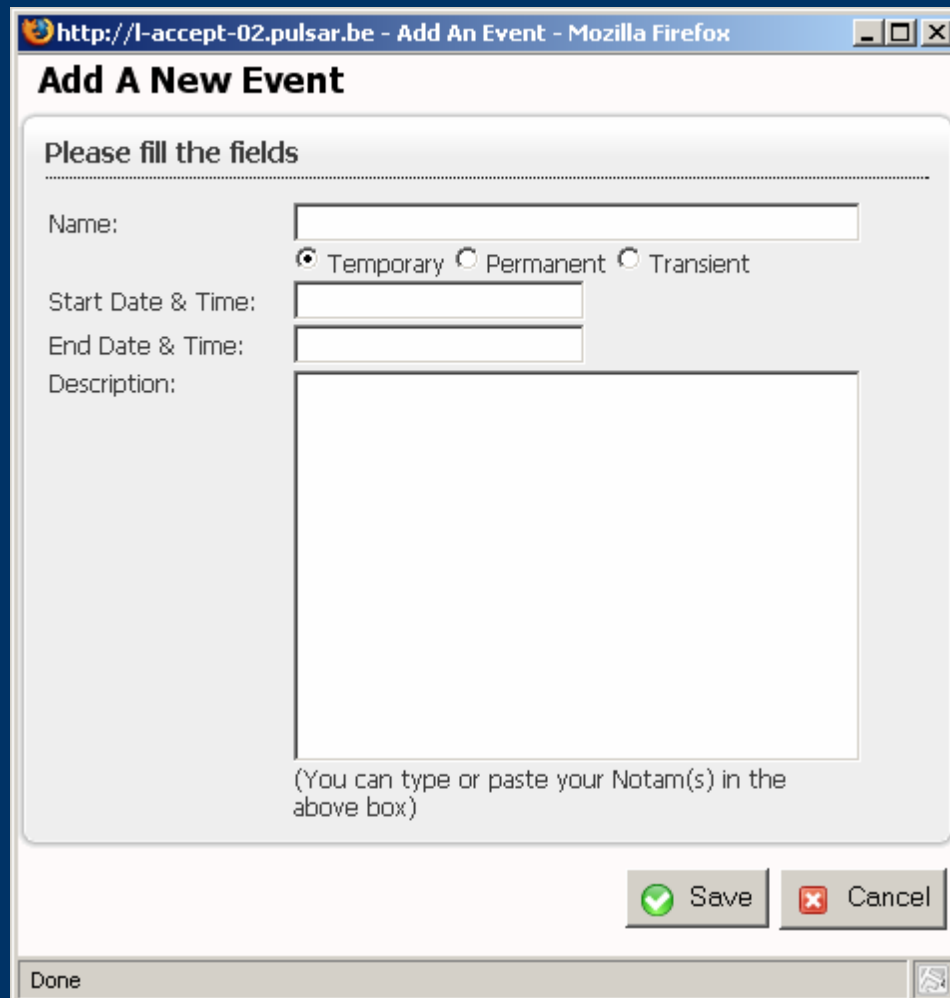
: New event  
: Not committed  
✓: Committed  
: Updated/Cancelled

 New

 Edit (E.)  
 Process (P.)  
 Delete (D.)  
 Update (U.)

Powered by **Pulsar**

# Providing data: New event



The screenshot shows a web browser window with the address bar displaying 'http://l-accept-02.pulsar.be - Add An Event - Mozilla Firefox'. The page title is 'Add A New Event'. Below the title, there is a section titled 'Please fill the fields'. The form contains the following fields and controls:

- Name:** A text input field.
- Start Date & Time:** A text input field.
- End Date & Time:** A text input field.
- Description:** A large text area.
- Event Type:** Three radio buttons labeled 'Temporary' (selected), 'Permanent', and 'Transient'.
- Save/Cancel:** Two buttons at the bottom right, 'Save' (with a green checkmark icon) and 'Cancel' (with a red X icon).
- Done:** A status bar at the bottom left.

Below the description text area, there is a note: '(You can type or paste your Notam(s) in the above box)'.

- 3 types of event
  - Temporary
  - Permanent
  - Transient

# Providing data: Processing an event

The screenshot shows the EUROCONTROL xNOTAM Trial web application in a Mozilla Firefox browser. The page title is 'Current/Last Event Processing'. It displays the current event A0938/07 and a table of associated features. A 'New' button is circled, and a dropdown menu is shown with options like 'Runway', 'Runway Direction', and 'Runway Centreline Point'.

**Current event: A0938/07**  
EBBR-A0938/07 A) EBBR BRUXELLES-NATIONAL B) 2007 Jul 12 12:57 C) 2007 Sep 08 23:58 E) RWY 25L CLSD

**Associated Features:**

Type	Identification
RWY	EBBR / 23L
AHP	EBBR
RWY	EBBR / 25L
RWY	EBBR / 22L

**Search for features to attach**

**General**  
Feature type: Airport/Heliport  
Owner: My organisation(s)

**Airport/Heliport**  
Designator:   
Name:   
Designator IATA:   
Type:   
Control Type:   
City served:   
Gml Identifier:   
**Spatial Query**  
Type:

**New**  
Airport/Heliport  
Runway  
Runway Direction  
Runway Centreline Point  
Airport/Heliport Usage  
Navaid  
Route Segment

# Providing data: Attaching new feature

http://l-accept-02.pulsar.be - Add An Event - Mozilla Firefox

## Create a new Navaid

**Timeslice Temporality**

**Effective Time Period**

Start Date:

End Date:

**Navaid** **Elevated Point** **Notes**

Field	New Value	Null	Current Baseline Value
Start of life:	<input type="text"/>	<input type="checkbox"/>	
End of life:	<input type="text"/>	<input type="checkbox"/>	
Type:	VOR	<input type="checkbox"/>	-
Designator:	<input type="text"/>	<input type="checkbox"/>	-
Landing Category:	<input type="text"/>	<input type="checkbox"/>	
Operational Status:	<input type="text"/>	<input type="checkbox"/>	
Flight Checked:	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/>	
Elevated Point:	<input type="checkbox"/> Modify	<input type="checkbox"/>	
Notes:	<input type="checkbox"/> Modify	<input type="checkbox"/>	

☒ Save ☐ Cancel

Done

# Providing data: Attaching new feature

http://l-accept-02.pulsar.be - Add An Event - Mozilla Firefox

## Create a new Navaid

**Timeslice Temporality**

**Effective Time Period**

Start Date:

End Date:

Navaid **Elevated Point** Notes

Field	New Value	Null	Current	Baseline Value
Start of life:	<input type="text"/> <input type="button" value="..."/>	<input type="checkbox"/>		
End of life:	<input type="text"/> <input type="button" value="..."/>	<input type="checkbox"/>		
Type:	VOR	<input type="checkbox"/>	-	
Designator:	<input type="text"/>	<input type="checkbox"/>	-	
Landing Category:	<input type="text"/>	<input type="checkbox"/>		
Operational Status:	<input type="text"/>	<input type="checkbox"/>		
Flight Checked:	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/>		
Elevated Point:	<input checked="" type="checkbox"/> Modify	<input type="checkbox"/>		
Notes:	<input type="checkbox"/> Modify	<input type="checkbox"/>		

Done


# Providing data: Attaching new feature



http://l-accept-02.pulsar.be - Add An Event - Mozilla Firefox

## Create a new Navaid




**Timeslice Temporality**



**Effective Time Period**

Start Date:  

End Date:   

**Navaid** **Elevated Point** **Notes**

Field	New Value
Latitude:	<input type="text"/>
Longitude:	<input type="text"/>
Horizontal Accuracy:	<input type="text"/> 
Elevation:	<input type="text"/>
GeoidUndulation:	<input type="text"/>
Vertical Datum:	<input type="text"/> 
Vertical Accuracy:	<input type="text"/> 

 Save  Cancel

http://l-accept-02.pulsar.be/xnotam-trial-mockup-v5/popup/NavaidEditPopupLoad.action#

# Providing data: Attaching existing feature

EUROCONTROL xNOTAM Trial - Mozilla Firefox

File Edit View History Bookmarks Tools Help

EUROCONTROL xNOTAM Trial

Home Administration Events Reporting Developpement

Current/Last Event Processing

Current event: A0938/07  
EBBR-A0938/07 A) EBBR BRUXELLES-NATIONAL B) 2007 Jul 12 12:57 C) 2007 Sep 08 23:58 E) RWY 25L CLSD

Commit

Associated Features:

Type	Identification	Effective Date	A.	E.	V.	S.	R.
RWY	EBBR / 23L	17/09/2007 19:51					
AHP	EBBR	17/09/2007 14:54 - 17/09/2007 22:54					
RWY	EBBR / 25L	12/09/2007 16:09					
RWY	EBBR / 22L						

New

Add Timeslice (A.)  
Edit Timeslice (E.)  
View Feature Details (V.)  
View Timeslice (S.)  
Release (R.)

Search for features to attach

General  
Feature type: Runway  
Owner: My organisation(s)

Airport/Heliport  
Designator:  
Name:  
Designator IATA:  
Type: AD  
Control Type:  
City served:  
Gml Identifier:

Runway  
Designator:  
Type: RWY  
Gml Identifier:

Spatial Query  
Type:

Search

Powered by Pulsar

http://l-accept-02.pulsar.be/xnotam-trial-mockup-v5/Index.action?name=&password=#

- Use search criteria to find the feature required

- Using data



# Using data: Viewing events

**EUROCONTROL xNOTAM Trial - Mozilla Firefox**

File Edit View History Bookmarks Tools Help

**EUROCONTROL** xNOTAM Trial

Home Administration Events Reporting Development

**Reporting > View Events > Search by Events**

**Report Builder**

Effective date between: [ ] and: [ ] (incl.)

Event Designator: [ ]

Event Type: [ ]

Event NOTAM Text: [ ]

**Provider organisations**

☐ NAS ☐ Organisation 2 ☐ Organisation 6

☐ FAA ☐ Organisation 3 ☐ Organisation 7

☐ EC ☐ Organisation 4 ☐ Organisation 8

☐ Organisation 1 ☐ Organisation 5 ☐ Organisation 9

Select: [ ]

Run report Subscribe To Updates

**Report Content**

St.	Code	Description	Last Updated On	V.	X.
✓	A11102/10	REF AIP AD2 EBBR APDC.01 FOLLOWING ACFT STANDS REPOSITIONED AS FOLLOW: 206L N505400.02E0042908.40 210L N505401.12E0042912.20 2306L N505401.12E0042912.20 2306L N505401.12E0042912.20	10/09/2007 16:09		
✓	A11112/11	RWY 25L -ILS DOWNGRADED TO CAT I 12 JUL 12:57 2007 UNTIL 08 SEP 23:58 2007	11/09/2007 16:09		
✓	A1112/1	RWY 25L -ILS DOWNGRADED TO CAT I 12 JUL 12:57 2007 UNTIL 08 SEP 23:58 2007			
✓	A11122/12	AT EBBE ASR OBSTRUCTION LIGHT OUT OF SERVICE (504541N0044634E). 03 JUL 12:00 2007 UNTIL 03 OCT 03 2007			
✓	A11132/13	AT EBBE ASR OBSTRUCTION LIGHT OUT OF SERVICE (504541N0044634E). 03 JUL 12:00 2007 UNTIL 03 OCT 03 2007			
✓	A11142/14	AT EBBE ASR OBSTRUCTION LIGHT OUT OF SERVICE (504541N0044634E). 03 JUL 12:00 2007 UNTIL 03 OCT 03 2007			
✓	A11152/15	REF AIP AD2 EBBR APDC.01 FOLLOWING ACFT STANDS REPOSITIONED AS FOLLOW: 206L N505400.02E0042908.40 210L N505401.12E0042912.20 2306L N505401.12E0042912.20			
✓	A1122/2	RWY 25L -ILS DOWNGRADED TO CAT I 12 JUL 12:57 2007 UNTIL 08 SEP 23:58 2007			
✓	A1132/3	AT EBBE ASR OBSTRUCTION LIGHT OUT OF SERVICE (504541N0044634E). 03 JUL 12:00 2007 UNTIL 03 OCT 03 2007			
✓	A1142/4	AT EBBE ASR OBSTRUCTION LIGHT OUT OF SERVICE (504541N0044634E). 03 JUL 12:00 2007 UNTIL 03 OCT 03 2007			
✓	A1152/5	REF AIP AD2 EBBR APDC.01 FOLLOWING ACFT STANDS REPOSITIONED AS FOLLOW: 206L N505400.02E0042908.40 210L N505401.12E0042912.20 2306L N505401.12E0042912.20			
✓	A1162/6	AT EBBE ASR OBSTRUCTION LIGHT OUT OF SERVICE (504541N0044634E). 03 JUL 12:00 2007 UNTIL 03 OCT 03 2007			
✓	A1172/7	AT EBBE ASR OBSTRUCTION LIGHT OUT OF SERVICE (504541N0044634E). 03 JUL 12:00 2007 UNTIL 03 OCT 03 2007			
✓	A1182/8	RWY 25L -ILS DOWNGRADED TO CAT I 12 JUL 12:57 2007 UNTIL 08 SEP 23:58 2007			
✓	A1192/9	RWY 25L -ILS DOWNGRADED TO CAT I 12 JUL 12:57 2007 UNTIL 08 SEP 23:58 2007			

**http://l-accept-02.pulsar.be - Add An Event - Mozilla Firefox**

**Subscribe to New Events**

**Selected options**

The updates will be generated for events occurring between 05-10-2007 and 12-10-2007 for the organisation(s) NAS, FAA, EC with the event designator like 'A11\*' and event type Permanent

Please give a name to this subscription:

Name: [ ]

Subscribe Cancel

Done

Powered by Pulsar

# Using data: Viewing events

EUROCONTROL xNOTAM Trial - Mozilla Firefox

File Edit View History Bookmarks Tools Help

EUROCONTROL xNOTAM Trial

Home Administration Events Reporting Development

Reporting > View Events > Search by Feature Type

**Report Builder**

**Feature Type**  
 Airport/Heliport

**Temporality**  
 Effective Date & Time:

**Airport/Heliport**  
 Designator:   
 Name:   
 Designator IATA:   
 Type:   
 Control Type:   
 City served:   
 Gml Identifier:   
**Spatial Query**  
 Type:

Run report Schedule this report

**Report Content**

St.	Code	Description	Last Updated On	V.	X.
✓	A11102/10	REF AIP AD2 EBBR APDC.01 FOLLOWING ACFT STANDS REPOSITIONED AS FOLLOW : 206L N505400.02E0042908.40 210L N505401.12E0042912.20 230L N50540	10/09/2007 16:09		
✓	A11112/11	RWY 25L -ILS DOWNGRADED TO CAT I 12 JUL 12:57 2007 UNTIL 08 SEP 23:58 2007	11/09/2007 19:54		
✓	A11112/1	RWY 25L -ILS DOWNGRADED TO CAT I 12 JUL 12:57 2007 UNTIL 08 SEP 23:58 2007	1/09/2007 19:54		
✓	A11122/12	AT EBBE ASR OBSTRUCTION LIGHT OUT OF SERVICE (504541N0044634E). 03 JUL 12:00 2007 UNTIL 03 OCT 12:00 2007 ESTIMATED	12/09/2007 12:34		
✓	A11132/13	AT EBBE ASR OBSTRUCTION LIGHT OUT OF SERVICE (504541N0044634E). 03 JUL 12:00 2007 UNTIL 03 OCT 12:00 2007 ESTIMATED	13/09/2007 12:34		
✓	A11142/14	AT EBBE ASR OBSTRUCTION LIGHT OUT OF SERVICE (504541N0044634E). 03 JUL 12:00 2007 UNTIL 03 OCT 12:00 2007 ESTIMATED	14/09/2007 12:34		
✓	A11152/15	REF AIP AD2 EBBR APDC.01 FOLLOWING ACFT STANDS REPOSITIONED AS FOLLOW : 206L N505400.02E0042908.40 210L N505401.12E0042912.20 230L N50540	15/09/2007 16:09		
✓	A1122/2	RWY 25L -ILS DOWNGRADED TO CAT I 12 JUL 12:57 2007 UNTIL 08 SEP 23:58 2007	2/09/2007 19:54		
✓	A1132/3	AT EBBE ASR OBSTRUCTION LIGHT OUT OF SERVICE (504541N0044634E). 03 JUL 12:00 2007 UNTIL 03 OCT 12:00 2007 ESTIMATED	3/09/2007 12:34		
✓	A1142/4	AT EBBE ASR OBSTRUCTION LIGHT OUT OF SERVICE (504541N0044634E). 03 JUL 12:00 2007 UNTIL 03 OCT 12:00 2007 ESTIMATED	4/09/2007 12:34		
✓	A1152/5	REF AIP AD2 EBBR APDC.01 FOLLOWING ACFT STANDS REPOSITIONED AS FOLLOW : 206L N505400.02E0042908.40 210L N505401.12E0042912.20 230L N50540	5/09/2007 16:09		
✓	A1162/6	AT EBBE ASR OBSTRUCTION LIGHT OUT OF SERVICE (504541N0044634E). 03 JUL 12:00 2007 UNTIL 03 OCT 12:00 2007 ESTIMATED	6/09/2007 12:34		
✓	A1172/7	AT EBBE ASR OBSTRUCTION LIGHT OUT OF SERVICE (504541N0044634E). 03 JUL 12:00 2007 UNTIL 03 OCT 12:00 2007 ESTIMATED	7/09/2007 12:34		
✓	A1182/8	RWY 25L -ILS DOWNGRADED TO CAT I 12 JUL 12:57 2007 UNTIL 08 SEP 23:58 2007	8/09/2007 19:54		
✓	A1192/9	RWY 25L -ILS DOWNGRADED TO CAT I 12 JUL 12:57 2007 UNTIL 08 SEP 23:58 2007	9/09/2007 19:54		

Done

Powered by **Pulsar**

# Using data: Viewing features

EUROCONTROL xNOTAM Trial - Mozilla Firefox

File Edit View History Bookmarks Tools Help

EUROCONTROL xNOTAM Trial

Home Administration Events Reporting Development

Reporting > View Features

**Report Builder**

Feature Type: Airport/Heliport

Report type:

**Airport/Heliport**

Designator: Name: Designator IATA: Type: Control Type: City served: Gml Identifier:

**Spatial Query**

Type:

Run report Schedule this report

**Report Content**

Identification	UUID	Interpretation	Start Date	End Date	V.	T.
EBBR-1	1c45f9a6-7194-11c	TEMP	22-10-2007	15-06-2008		
EBBR-2	2c45f9a6-7194-11c	BL	12-12-2007	08-03-2008		
EBBR-3	3c45f9a6-7194-11c	TEMP	22-10-2007	15-06-2008		
EBBR-4	4c45f9a6-7194-11c	PERM	26-08-2007	08-04-2008		
EBBR-5	5c45f9a6-7194-11c	PERM	26-08-2007	08-04-2008		
EBBR-6	6c45f9a6-7194-11c	PERM	26-08-2007	08-04-2008		
EBBR-7	7c45f9a6-7194-11c	BL	12-12-2007	08-03-2008		
EBBR-8	8c45f9a6-7194-11c	TEMP	22-10-2007	15-06-2008		
EBBR-9	9c45f9a6-7194-11c	PERM	26-08-2007	08-04-2008		
EBBR-10	10c45f9a6-7194-11	PERM	26-08-2007	08-04-2008		
EBBR-11	11c45f9a6-7194-11	PERM	26-08-2007	08-04-2008		
EBBR-12	12c45f9a6-7194-11	TEMP	22-10-2007	15-06-2008		
EBBR-13	13c45f9a6-7194-11	PERM	26-08-2007	08-04-2008		
EBBR-14	14c45f9a6-7194-11	PERM	26-08-2007	08-04-2008		
EBBR-15	15c45f9a6-7194-11	BL	12-12-2007	08-03-2008		

Done

Powered by **Pulsar** consulting

# Using data: Viewing features

The screenshot displays the EUROCONTROL xNOTAM Trial interface in a Mozilla Firefox browser. The left sidebar shows a list of EBBR-1 through EBBR-30. The main content area is titled 'View AIXM5 XML' and displays the XML content of a selected feature. The XML is a fictitious example of a Temporary Segregated Area TSA - EBT15. The XML structure includes namespaces for aixm, xsi, gml, and gco. It defines a feature with metadata, contact information, and a role code. The XML content is as follows:

```
<?xml version="1.0" encoding="UTF-8"?>
<!-- This is an example of fictitious a Temporary Segregated Area TSA - EBT15, baseline information, as published in the
AIP(type, identifier, geometry, etc.)-->
<Event>
  <Airspace xmlns="http://www.aixm.aero/schema/5.0" xmlns:gml="http://www.opengis.net/gml/3.2"
xmlns:xlink="http://www.w3.org/1999/xlink" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:gmd="http://www.isotc211.org/2005/gmd" xmlns:gco="http://www.isotc211.org/2005/gco"
xsi:schemaLocation="http://www.aixm.aero/schema/5.0 AIXM_Feature.xsd" gml:id="A00001">
  <gml:identifier codeSpace="http://ead.eurocontrol.int">A123</gml:identifier>
  <featureMetadata>
    <gmd:MD_Metadata>
      <gmd:contact>
        <gmd:CI_ResponsibleParty>
          <gmd:individualName>
            <gmd:LocalisedCharacterString>Some
Person</gmd:LocalisedCharacterString>
          </gmd:individualName>
          <gmd:organisationName>
            <gmd:LocalisedCharacterString>Some
Organisation</gmd:LocalisedCharacterString>
          </gmd:organisationName>
          <gmd:role>
            <gmd:CI_RoleCode codeList="http://aixm.aero/roleList"
codeListValue="dataproducer"/>
          </gmd:role>
        </gmd:CI_ResponsibleParty>
      </gmd:contact>
      <gmd:dateStamp>
        <gco>Date>2007-07-27</gco>Date>
      </gmd:dateStamp>
      <gmd:identificationInfo>
```

At the bottom of the XML view, there are buttons for 'Download XML', 'Copy XML', and 'Cancel'. Below the XML view, there is a table with columns for ID, Type, Date, and Action. The table contains two rows of data:

ID	Type	Date	Action
29c45f9a6-7194-11	PERM	26-06-2007	08-04-2008
30c45f9a6-7194-11	PERM	26-08-2007	08-04-2008

Below the table, there is a button labeled 'View AIXM5 XML' which is highlighted with a red box. To the right of this button, there are links for 'View Details (V.)' and 'View Timeline (T.)'. The interface is powered by Pulsar consulting, as indicated by the logo at the bottom right.

# Using data: Manage subscriptions

EUROCONTROL xNOTAM Trial - Mozilla Firefox

File Edit View History Bookmarks Tools Help

EUROCONTROL xNOTAM Trial

Home Administration Events Reporting Developpement

Event	My report16	Event Notam Text : "RWY 25L -ILS DOWNGRADED TO CAT I 01 AUG 12:57 2007 UNTIL 03 OCT 23:58 2007" Provider Organisation : NAS
Event	My report17	Feature Type : Runway Effective Date : 2007-10-25 Start date : 2007-08-01; End date : 2007-10-03; Event designator : designator; Event type : permanent Event Notam Text : "RWY 25L -ILS DOWNGRADED TO CAT I 01 AUG 12:57 2007 UNTIL 03 OCT 23:58 2007" Provider Organisation : NAS
Event	My report18	Start date : 2007-08-01; End date : 2007-10-03; Event designator : designator; Event type : permanent Event Notam Text : "RWY 25L -ILS DOWNGRADED TO CAT I 01 AUG 12:57 2007 UNTIL 03 OCT 23:58 2007" Provider Organisation : NAS
Event	My report19	Start date : 2007-08-01; End date : 2007-10-03; Event designator : designator; Event type : permanent Event Notam Text : "RWY 25L -ILS DOWNGRADED TO CAT I 01 AUG 12:57 2007 UNTIL 03 OCT 23:58 2007" Provider Organisation : NAS
Event	My report2	Start date : 2007-08-01; End date : 2007-10-03; Event designator : designator; Event type : permanent Event Notam Text : "RWY 25L -ILS DOWNGRADED TO CAT I 01 AUG 12:57 2007 UNTIL 03 OCT 23:58 2007" Provider Organisation : NAS
Event	My report20	Start date : 2007-08-01; End date : 2007-10-03; Event designator : designator; Event type : permanent Event Notam Text : "RWY 25L -ILS DOWNGRADED TO CAT I 01 AUG 12:57 2007 UNTIL 03 OCT 23:58 2007" Provider Organisation : NAS
Event	My report21	Start date : 2007-08-01; End date : 2007-10-03; Event designator : designator; Event type : permanent Event Notam Text : "RWY 25L -ILS DOWNGRADED TO CAT I 01 AUG 12:57 2007 UNTIL 03 OCT 23:58 2007" Provider Organisation : NAS
Event	My report22	Start date : 2007-08-01; End date : 2007-10-03; Event designator : designator; Event type : permanent Event Notam Text : "RWY 25L -ILS DOWNGRADED TO CAT I 01 AUG 12:57 2007 UNTIL 03 OCT 23:58 2007" Provider Organisation : NAS
Event	My report23	Start date : 2007-08-01; End date : 2007-10-03; Event designator : designator; Event type : permanent Event Notam Text : "RWY 25L -ILS DOWNGRADED TO CAT I 01 AUG 12:57 2007 UNTIL 03 OCT 23:58 2007" Provider Organisation : NAS
Event	My report24	Start date : 2007-08-01; End date : 2007-10-03; Event designator : designator; Event type : permanent Event Notam Text : "RWY 25L -ILS DOWNGRADED TO CAT I 01 AUG 12:57 2007 UNTIL 03 OCT 23:58 2007" Provider Organisation : NAS
Event	My report25	Start date : 2007-08-01; End date : 2007-10-03; Event designator : designator; Event type : permanent Event Notam Text : "RWY 25L -ILS DOWNGRADED TO CAT I 01 AUG 12:57 2007 UNTIL 03 OCT 23:58 2007" Provider Organisation : NAS
Event	My report26	Start date : 2007-08-01; End date : 2007-10-03; Event designator : designator; Event type : permanent Event Notam Text : "RWY 25L -ILS DOWNGRADED TO CAT I 01 AUG 12:57 2007 UNTIL 03 OCT 23:58 2007" Provider Organisation : NAS
Event	My report27	Start date : 2007-08-01; End date : 2007-10-03; Event designator : designator; Event type : permanent Event Notam Text : "RWY 25L -ILS DOWNGRADED TO CAT I 01 AUG 12:57 2007 UNTIL 03 OCT 23:58 2007" Provider Organisation : NAS
Event	My report28	Start date : 2007-08-01; End date : 2007-10-03; Event designator : designator; Event type : permanent Event Notam Text : "RWY 25L -ILS DOWNGRADED TO CAT I 01 AUG 12:57 2007 UNTIL 03 OCT 23:58 2007" Provider Organisation : NAS
Event	My report29	Start date : 2007-08-01; End date : 2007-10-03; Event designator : designator; Event type : permanent Event Notam Text : "RWY 25L -ILS DOWNGRADED TO CAT I 01 AUG 12:57 2007 UNTIL 03 OCT 23:58 2007" Provider Organisation : NAS
Event	My report3	Feature Type : Runway Effective Date : 2007-10-25
Event	My report30	Start date : 2007-08-01; End date : 2007-10-03; Event designator : designator; Event type : permanent Event Notam Text : "RWY 25L -ILS DOWNGRADED TO CAT I 01 AUG 12:57 2007 UNTIL 03 OCT 23:58 2007" Provider Organisation : NAS
Event	My report4	Start date : 2007-08-01; End date : 2007-10-03; Event designator : designator; Event type : permanent Event Notam Text : "RWY 25L -ILS DOWNGRADED TO CAT I 01 AUG 12:57 2007 UNTIL 03 OCT 23:58 2007" Provider Organisation : NAS
Feature	My report5	Feature Type : Airport/Heliport Report Type : Snapshot; Effective Date : 2007-11-23
Event	My report6	Start date : 2007-08-01; End date : 2007-10-03; Event designator : designator; Event type : permanent Event Notam Text : "RWY 25L -ILS DOWNGRADED TO CAT I 01 AUG 12:57 2007 UNTIL 03 OCT 23:58 2007" Provider Organisation : NAS
Event	My report7	Start date : 2007-08-01; End date : 2007-10-03; Event designator : designator; Event type : permanent Event Notam Text : "RWY 25L -ILS DOWNGRADED TO CAT I 01 AUG 12:57 2007 UNTIL 03 OCT 23:58 2007" Provider Organisation : NAS
Event	My report8	Feature Type : Runway Effective Date : 2007-10-25
Feature	My report9	Feature Type : Airport/Heliport Report Type : Snapshot; Effective Date : 2007-11-23

Update Schedule

New Report

Delete (D.)

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Done

- Administration



# Administration: Organisations

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Home Administration Events Reporting Developpement

**Manage Organisations**

Search Criteria:

Name:

Code:

Country:

Search

Search results :

Code	Name	Country	E	D
EC	EUROCONTROL	Country - 11		
BC	BelgoControl	Country - 21		
C31	name-31	Country - 31		
C41	name-41	Country - 41		
C51	name-51	Country - 51		
C61	name-61	Country - 61		
C71	name-71	Country - 71		
C81	name-81	Country - 81		
C91	name-91	Country - 91		
C101	name-101	Country - 101		
C111	name-111	Country - 111		
C121	name-121	Country - 121		
C131	name-131	Country - 131		
C141	name-141	Country - 141		
C151	name-151	Country - 151		
C161	name-161	Country - 161		
C171	name-171	Country - 171		
C181	name-181	Country - 181		
C191	name-191	Country - 191		
C201	name-201	Country - 201		
C211	name-211	Country - 211		
C221	name-221	Country - 221		

Done

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# Administration: Organisations

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EUROCONTROL xNOTAM Trial

Home Administration Events Reporting Developpement

Search Criteria:

Search results :

Code	Name	Country	E.	D.
EC	EUROCONTROL	Country - 11		
BC	BelgoControl	Country - 21		
C31	name-31	Country - 31		
C41	name-41	Country - 41		
C51	name-51	Country - 51		
C61	name-61	Country - 61		
C71	name-71	Country - 71		
C81	name-81	Country - 81		
C91	name-91	Country - 91		
C101	name-101	Country - 101		
C111	name-111	Country - 111		
C121	name-121	Country - 121		
C131	name-131	Country - 131		
C141	name-141	Country - 141		
C151	name-151	Country - 151		
C161	name-161	Country - 161		
C171	name-171	Country - 171		
C181	name-181	Country - 181		
C191	name-191	Country - 191		
C201	name-201	Country - 201		
C211	name-211	Country - 211		
C221	name-221	Country - 221		
C231	name-231	Country - 231		
C241	name-241	Country - 241		
C251	name-251	Country - 251		

Page 2 of 2

Displaying elements 2 - 26 of 50

+ New

Edit (E.)  
Delete (D.)

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Done



# Administration: Operators

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Home Administration Events Reporting Developpement

### Manage Operators

Search Criteria:

Operator:

Organisation:

Search

Search Results:

First Name	Last Name	Login Id	Email	Phone	Country	Organisation	Position	E.	D.
First Name1	Last Name1	login1	email1@email.com	010.85.98.74	Country1	Organisation1	Position1		
First Name2	Last Name2	login2	email2@email.com	010.85.98.74	Country2	Organisation2	Position2		
First Name3	Last Name3	login3	email3@email.com	010.85.98.74	Country3	Organisation3	Position3		
First Name4	Last Name4	login4	email4@email.com	010.85.98.74	Country4	Organisation4	Position4		
First Name5	Last Name5	login5	email5@email.com	010.85.98.74	Country5	Organisation5	Position5		
First Name6	Last Name6	login6	email6@email.com	010.85.98.74	Country6	Organisation6	Position6		
First Name7	Last Name7	login7	email7@email.com	010.85.98.74	Country7	Organisation7	Position7		
First Name8	Last Name8	login8	email8@email.com	010.85.98.74	Country8	Organisation8	Position8		
First Name9	Last Name9	login9	email9@email.com	010.85.98.74	Country9	Organisation9	Position9		
First Name10	Last Name10	login10	email10@email.com	010.85.98.74	Country10	Organisation10	Position10		
First Name11	Last Name11	login11	email11@email.com	010.85.98.74	Country11	Organisation11	Position11		
First Name12	Last Name12	login12	email12@email.com	010.85.98.74	Country12	Organisation12	Position12		
First Name13	Last Name13	login13	email13@email.com	010.85.98.74	Country13	Organisation13	Position13		
First Name14	Last Name14	login14	email14@email.com	010.85.98.74	Country14	Organisation14	Position14		
First Name15	Last Name15	login15	email15@email.com	010.85.98.74	Country15	Organisation15	Position15		
First Name16	Last Name16	login16	email16@email.com	010.85.98.74	Country16	Organisation16	Position16		
First Name17	Last Name17	login17	email17@email.com	010.85.98.74	Country17	Organisation17	Position17		
First Name18	Last Name18	login18	email18@email.com	010.85.98.74	Country18	Organisation18	Position18		
First Name19	Last Name19	login19	email19@email.com	010.85.98.74	Country19	Organisation19	Position19		
First Name20	Last Name20	login20	email20@email.com	010.85.98.74	Country20	Organisation20	Position20		
First Name21	Last Name21	login21	email21@email.com	010.85.98.74	Country21	Organisation21	Position21		
First Name22	Last Name22	login22	email22@email.com	010.85.98.74	Country22	Organisation22	Position22		
First Name23	Last Name23	login23	email23@email.com	010.85.98.74	Country23	Organisation23	Position23		
First Name24	Last Name24	login24	email24@email.com	010.85.98.74	Country24	Organisation24	Position24		

Done

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# Administration: Feature ownership

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## Feature Ownership

Search For Latest Features Baselines

General

Feature type: Navaid  
Owner: EUROCONTROL

Navaid

Name:   
Designator:   
Type:   
Gml Identifier:

Spatial Query

Type:

Search

Search Results

Done

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# Administration: Feature ownership

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EUROCONTROL xNOTAM Trial

Home Administration Events Reporting Developpement

## Feature Ownership

Search For Latest Features Baselines

General

Feature type: Navaid  
Owner: EUROCONTROL

Navaid

Name:   
Designator:   
Type: VOR  
Gml Identifier:

Spatial Query

Type:

Search

### Search Results

Select: None, All

Type	Designator	Name	Organisation	Ownership
Type-1		Name1		<input type="checkbox"/>
Type-2		Name2	EC	
Type-3		Name3		<input type="checkbox"/>
Type-4		Name4	NAS	
Type-5		Name5	NAS	
Type-6		Name6	EC	
Type-7		Name7	NAS	
Type-8		Name8	NAS	
Type-9		Name9	NAS	
Type-10		Name10		<input type="checkbox"/>
Type-11		Name11	NAS	
Type-12		Name12	EC	
Type-13		Name13	NAS	
Type-14		Name14	NAS	
Type-15		Name15	NAS	
Type-16		Name16	NAS	
Type-17		Name17	NAS	
Type-18		Name18	NAS	
Type-19		Name19	NAS	
Type-20		Name20	NAS	
Type-21		Name21	NAS	
Type-22		Name22	NAS	

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Done

# Questions?

